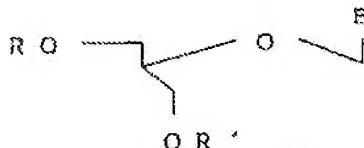


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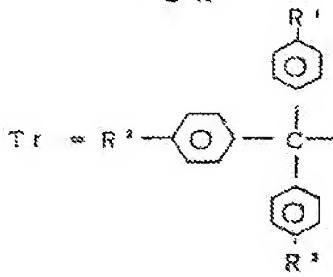
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PUBLICATION NUMBER : 63060929  
 PUBLICATION DATE : 17-03-88



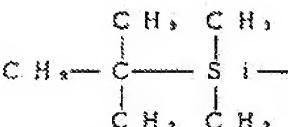
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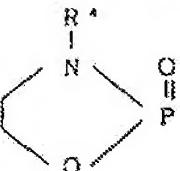
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INT.CL. : A61K 31/505 A61K 31/52 A61K 31/675  
 // C07D239/55 C07D473/18  
 C07D473/34



TITLE : ANTITUMOR AGENT



ABSTRACT : PURPOSE: To obtain an antitumor agent having strongly inhibitory action on cancerous cells, containing an acyclic nucleoside derivative as an active ingredient.

CONSTITUTION: An acyclic nucleoside derivative shown by formula I [R and R' are H, alkyl, aryl aralkyl, group shown by formula II (R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are H or lower alkoxy), group shown by formula III or group shown by formula IV (R<sup>4</sup> is H or alkyl); B is purine ring, pyrimidine ring or azole ring] as an active ingredient is prepared by a conventional procedure to give the aimed substance. A dose is 1~1,000mg per adult daily and is administered 1~several times dividedly. The compound shown by formula I, for example, is obtained by reacting a purine or pyrimidine base such as adenine, guanine, uracil, etc., with a silylating agent such as 1,1,1,3,3-hexamethyldisilazane, etc., and reacting the silylated substance with a separately synthesized 1,3-alkyl(or aryl)oxy-2-chloromethoxypropane under heating.

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